TABLE NO. [ ]

MULTIMEDIA UNIVERSITY

STUDENT ID NO.

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 1, 2016/2017

TIS 3391– INFORMATION SYSTEMS PLANNING

(All Sections / Groups)

10 OCTOBER 2016
2.30 p.m. – 4.30 p.m.
(2 Hours)

Question	Marks
Total (60%)	

INSTRUCTION TO STUDENT

1. This Question paper consists of **TWELVE** pages with **SEVEN** questions only.
2. Answer any **SIX** out of the **SEVEN** questions.
3. If you answer all questions, **ONLY** the FIRST six questions will be marked.
4. Each question carries **10 marks** and the maximum marks allotted are **60 marks**.
5. Please print all your answers **clearly** and **neatly** in the specified **ANSWER BOX** provided for each question.

Question No. 1

a. Describe a new business for which you think a ***virtual organization***, which has no physical office or headquarters, could be an effective design. What are some ways that the organization could use IT to help them effectively run their business?

(3 marks)

b. List the six building blocks that make up digital computers, and describe the flows of data that occur among these blocks.

(3 marks)

Continued.....

c. Some commentators have suggested that mainframe computer systems could be squeezed out of existence in the next few years, with the incredible advances in the capabilities of midrange systems and the power of supercomputers combining to divide up the present mainframe market. What do you think? Why?

(4 marks)

Question No. 2

a. Explain the difference between analog and digital signals. Is the trend towards more use of analog or digital signals in the future?

(3 marks)

Continued.....

b. Describe the similarity between the bus and the ring topology; then describe the similarity between the star and the tree topology.

(3 marks)

c. Why do organizations often have several databases? Explain two reasons.

(4 marks)

Continued.....

Question No. 3

a. Why would an organization choose to implement a client/server system?

(3 marks)

b. List the three primary categories of modules that are likely to be offered by a major ERP vendor.

(3 marks)

Continued.....

c. Through which media (text, pictures, etc.) can an information vision and architecture be represented? What are the advantages of each approach?

(4 marks)

Question No. 4

a. What is the specific purpose of an acceptable use policy?

(3 marks)

Continued.....

b. Do you think the acts of hackers should be punished the same as those by crackers? Why or why not? Discuss your answer.

(4 marks)

c. Briefly describe the steps in the ***Definition Phase*** of the systems development life cycle (SDLC) as discussed in our lectures.

(3 marks)

Continued.....

Question No. 5

a. Explain in detail one additional step (from the total five steps) for **purchasing** a system that are not part of the Definition Phase of a traditional system development life cycle (SDLC) process.

(3 marks)

b. Describe what kind of requirements/items a purchasing company might want to learn from a vendor demonstration of a packaged system.

(3 marks)

Continued.....

c. If a person has been certified by the Project Management Institute (PMI) but has never been on an IT project team, would you even consider hiring that person to manage an IT project? Justify your answer.

(4 marks)

Question No. 6

a. Why has the IS leadership role in organizations become so important?

(3 marks)

Continued...

b. Describe how a company policy could minimize a specific business risk associated with user computing?

(3 marks)

c. Some people believe that "access to computers should be unlimited and total" and that "all information should be free." Do you agree with these statements? Why or why not?

(4 marks)

Continued.....

Question No. 7

a. List at least three activities (in the correct sequence) that are involved in the sales order process of the SAP's Sales and Distribution module.

(3 marks)

b. Explain how to balance the accounts of the Bank, Inventory, Goods Receipt and Invoice Receipt, and Vendor's Account Payable, in the materials management and financial accounting integration (by using your own example/figure).

(4 marks)

Continued.....

c. List at least three activities (in the correct sequence) that detailed the procure-to-pay process of the SAP's Materials Management module.

(3 marks)

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